

Bovine LBP (Lipolysaccharide binding protein) ELISA Kit | LBP elisa kit

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CATALOG #
AAA251188

REACTIVITY
Bovine

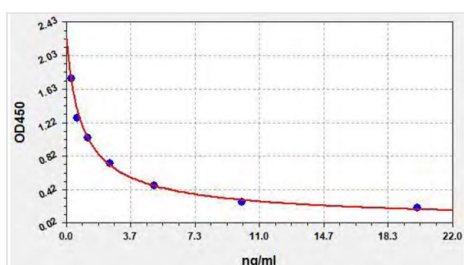
PRODUCT SYNONYMS

LBP (Lipolysaccharide binding protein); Bovine LBP (Lipolysaccharide binding protein) ELISA Kit; LBP; Lipolysaccharide binding protein; LBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	Specifically recognize LBP, no obvious cross reaction with other analogues
Assay Type	Competitive
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	0.312-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LBP elisa kit

Principle of the Assay: This kit was based on Competitive-ELISA detection method. The microtiter plate provided in this kit has been pre-coated with LBP. During the reaction, LBP in the sample or standard competes with a fixed amount of LBP on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to LBP. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of an acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm. The concentration of LBP in the samples is then determined by comparing the OD of the samples to the standard curve. The concentration of the target substance was inversely proportional to the OD450 value.

NCBI AND UNIPROT INFORMATION

NCBI GI #	84579853
NCBI GeneID	512242
NCBI Accession #	NP_001033763.1
NCBI GenBank Nucleotide #	NM_001038674.2
UniProt Accession #	Q2TBI0
Molecular Weight	53,698 Da
NCBI Official Full Name	lipopolysaccharide-binding protein
NCBI Official Symbol	LBP
NCBI Protein Information	lipopolysaccharide-binding protein
UniProt Protein Name	Lipopolysaccharide-binding protein
UniProt Gene Name	LBP
UniProt Synonym Gene Names	LBP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/bovine-ovine-elisa-kits/lbp-lipopolysaccharide-binding-protein/251188>